

Title (en)

METAL-AIR ELECTROCHEMICAL CELL WITH HIGH ENERGY EFFICIENCY MODE

Title (de)

METALL-LUFT-BATTERIEZELLE MIT HOHEM ENERGIEEFFIZIENZMODUS

Title (fr)

CELLULE ÉLECTROCHIMIQUE MÉTAL-AIR À MODE D'EFFICACITÉ ÉNERGÉTIQUE ÉLEVÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: US2011250512A1] The present invention relates to a metal-air electrochemical cell with a high energy efficiency mode.

IPC 8 full level

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CPC (source: EP US)

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Cited by

US11611115B2; US11394035B2; US11664547B2; US11949129B2; US11973254B2; US11552290B2; EP3352259A1

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US 2011250512 A1 20111013; **US 9761920 B2 20170912**; AU 2011240840 A1 20121101; BR 112012025944 A2 20170328; CA 2795314 A1 20111020; CN 102918704 A 20130206; CN 102918704 B 20160217; CN 202205866 U 20120425; DK 2559097 T3 20180625; EP 2559097 A1 20130220; EP 2559097 B1 20180530; EP 3352259 A1 20180725; EP 3352259 B1 20200318; ES 2673699 T3 20180625; TW 201222925 A 20120601; US 2016156082 A1 20160602; WO 2011130178 A1 20111020

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